

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	129	(417/423.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/26 11:30
S2	283	(417/244).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/23 12:33
S3	151	(415/68).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/25 15:29
S4	134	(415/69).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/25 15:32
S5	115	(416/126).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/25 15:34
S6	175	(416/128).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/25 15:34
S7	11	("2981464"   "4767262"   "5504650"   "5546272"   "5772500"   "6198245"   "6266243").PN. OR ("6537019"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 16:27
S8	11	("2981464"   "4767262"   "5504650"   "5546272"   "5772500"   "6198245"   "6266243").PN. OR ("6537019"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:17
S9	47	("0276360"   "0869868"   "1274319"   "1294437"   "2108738"   "2112090"   "2634048"   "2981464"   "3366169"   "3384165"   "3735593"   "4025224"   "4767262"   "4977862"   "5135046"   "5196746"   "5504650"   "5546272"   "5772500"   "6198245"   "6266243").PN. OR ("1033827"   "2981464"   "5277547"   "5478214"   "6537019"   "790406"   "811752").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:34
S10	8	("3366169"   "3384165"   "5135046").PN. OR ("5277547"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:46
S11	0	"415"/\$.ccls and (coaxial with fan)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:47
S12	261	"415"/\$.ccls. and (coaxial with fan)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:50
S13	261	"415"/\$.ccls. and (coaxial with fans)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:51

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S14	0	"415"/\$.ccls. and (coaxial with fans near opposite)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:51
S15	8	"415"/\$.ccls. and (coaxial with ventilator\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:52
S16	32	"415"/\$.ccls. and (coaxial with fan with assembly)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:53
S17	2	"415"/\$.ccls. and (coaxial with fan with counter rotating)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:55
S18	131	"417"/\$.ccls. and (coaxial with fan)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 17:58
S19	22	"417"/\$.ccls. and (coaxial with fan with assembly)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 18:00
S20	217	(415/61).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/25 18:00
S21	15	("3083893"   "4164852"   "5258676"   "5572403"   "6244818"   "6343014"   "6537019"   "6612817"   "6626653"   "6663342").PN. OR ("6827549").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/25 18:05
S22	235588	(counter\$5 or oppos\$5 or revers\$5) near5 rotat\$5 or counterrotat\$5	USPAT	AND	ON	2006/05/26 11:32
S23	181743	fan\$1 or impeller\$5	USPAT	AND	ON	2006/05/26 11:32
S24	4649	S22 same S23	USPAT	AND	ON	2006/05/26 11:32
S25	280161	shaft\$5 same (first\$4 same second\$5 or plural\$5 or coaxial\$5 or concentrics\$5)	USPAT	AND	ON	2006/05/26 11:34
S26	2228	S24 and S25	USPAT	AND	ON	2006/05/26 11:34
S27	280161	shaft\$5 same (first\$4 same second\$5 or plural\$5 or coaxial\$5 or concentrics\$5)	USPAT	OR	ON	2006/05/26 11:35
S28	291577	shaft\$5 same (first\$4 same second\$5 or plural\$5 or coaxial\$5 or concentric\$5)	USPAT	OR	ON	2006/05/26 11:35
S29	2349	S24 and S28	USPAT	OR	ON	2006/05/26 11:36
S30	12674	(fan\$1 or impeller\$5)same (series\$3 or serial\$5)	USPAT	OR	ON	2006/05/26 11:37
S31	408	S29 and S30	USPAT	OR	ON	2006/05/26 11:41
S32	90366	shaft\$5 same (coaxial\$5 or concentric\$5)	USPAT	OR	ON	2006/05/26 11:38
S33	191	S31 and S32	USPAT	OR	ON	2006/05/26 11:38
S34	7554199	S33 (not turbine\$2)	USPAT	OR	ON	2006/05/26 11:39

## EAST Search History

S35	130	S33 not (turbine\$2)	USPAT	OR	ON	2006/05/26 11:39
S36	273	((415/68) or (415/69)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/26 11:45
S37	12	S30 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/05/26 11:41
S38	17	S36 and (coaxial with shafts)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/05/26 11:45